

*Reopen
Amend
Serino*

Amendments to the Claims

Please amend the claims to read as follows:

1 - 13. (Cancelled)

14. (Currently Presented) A polymer composite building material comprising:

a composite reinforcement comprising continuous filaments of fibers substantially oriented in at least a first direction within polymeric matrix; and

a capstock polymeric material disposed substantially over said composite reinforcement;

said building material being resistant to heat deformation and corrosion.

15. (Currently Presented) The building material of claim 14 wherein at least said capstock has a dark color.

16. (Currently Presented) The building material of claim 15 wherein said heat deformation resistance includes resistance to bowing due to expansion and contraction of said building material when exposed to sunlight.

17. (Currently Presented) The building material of claim 16 wherein said composite reinforcement and said capstock are observably discrete portions of said building material.

18. (Currently Presented) The building material of claim 14, wherein said composite reinforcement comprises about 20 wt.% fiber content.

19. (Currently Presented) The building material of claim 18 wherein said fibers comprise one or more of: glass, aramid or carbon fibers.

optimizable

20. (Currently Presented) The building material of claim 14 wherein said resistance to corrosion includes resistance to chemical gasses or acids.

21. (Currently Presented) The building material of claim 14 in which the building material is in the form of a fence, rail, post, or decking component.

22. (Currently Presented) The building material of claim 14 wherein said fibers are further oriented in a second direction.

23. (Currently Presented) A polymer composite fencing component comprising:

a composite reinforcement comprising continuous filaments of high strength fibers oriented substantially in at least a first longitudinal direction within a polymeric matrix; and

a capstock polymeric material disposed substantially over said composite reinforcement;

said fencing component being resistant to corrosion and heat deformation due to exposure to sunlight.

24. (Currently Presented) The fencing component of claim 23 wherein said composite reinforcement comprises one or more of: roving, fabric or tape.

25. (Currently Presented) The fencing component of claim 24 wherein said fabric comprises a uni-directional, multi-axial or woven material.

26. (Currently Presented) The fencing component of claim 23 wherein said composite reinforcement comprises a pultrusion.

27. (Currently Presented) The fencing component of claim 23 wherein said polymeric matrix comprises a thermoplastic resin.

28. (Currently Presented) The fencing component of claim 23 wherein said component has a dark color and a span of at least about 8 feet.

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29 - 37. (Cancelled)

38. (Currently Presented) A polymer composite building material comprising:

a composite reinforcement comprising continuous glass filaments of fibers substantially oriented in at least a first direction within a thermoplastic polymeric matrix, said composite reinforcement having a higher tensile strength than aluminum; and

a capstock polymeric material having a dark color disposed substantially over said composite reinforcement;

said building material being corrosion resistant to chemical gasses or acids and resistant to bowing due to expansion and contraction of said building material upon exposure to sunlight.

39. (Currently Presented) The building material of claim 38 wherein said fibers are oriented in substantially only said first direction.

40. (Currently Presented) The building material of claim 38 wherein said capstock is dark in color.

composites